

1. A timing motor and geartrain, comprising
a timing motor comprising a stator plate having first and second sides
and a rotor mounted for rotation in the stator plate, and
a geartrain comprising meshing gears positioned on both opposite sides
5 of the stator plate for providing a gear reduction of the rotation of the timing
motor.

2. The timing motor and geartrain of claim 1, wherein the stator plate
further comprises an orifice having a circumference, said circumference being
bounded by a plurality of stator poles.

3. The timing motor and geartrain of claim 1, wherein said timing motor
is operatively connected to a timer including buss bars, said timing motor
further comprising a bobbin coil having wire terminals adapted to be associated
with buss bars in the timer.

4. The timing motor and geartrain of claim 3 wherein said bobbin coil is
a rectangular bobbin coil and said wire terminals are square wire terminals.

5. The timing motor and geartrain of claim 3, wherein said bobbin coil is
associated with said stator plate.

6. The timing motor and geartrain of claim 1, wherein said rotor further
comprises a steel rotor post extending through the rotor in a direction
substantially perpendicular to the plane of the stator plate.

7. The timing motor and geartrain of claim 6, wherein said rotor post has first and second ends, at least one of said first and second ends including a rotor pinion.

8. The timing motor and geartrain of claim 7, wherein said rotor pinion is operatively connected to a first gear of said geartrain.

9. The timing motor and geartrain of claim 1, further including stator poles, rotor poles, and a magnet providing a magnetic field flowing around and through said stator poles and said rotor poles.

10. The timing motor and geartrain of claim 9, wherein said magnet further includes a magnet wire associated with said stator.